

NCNR 2000

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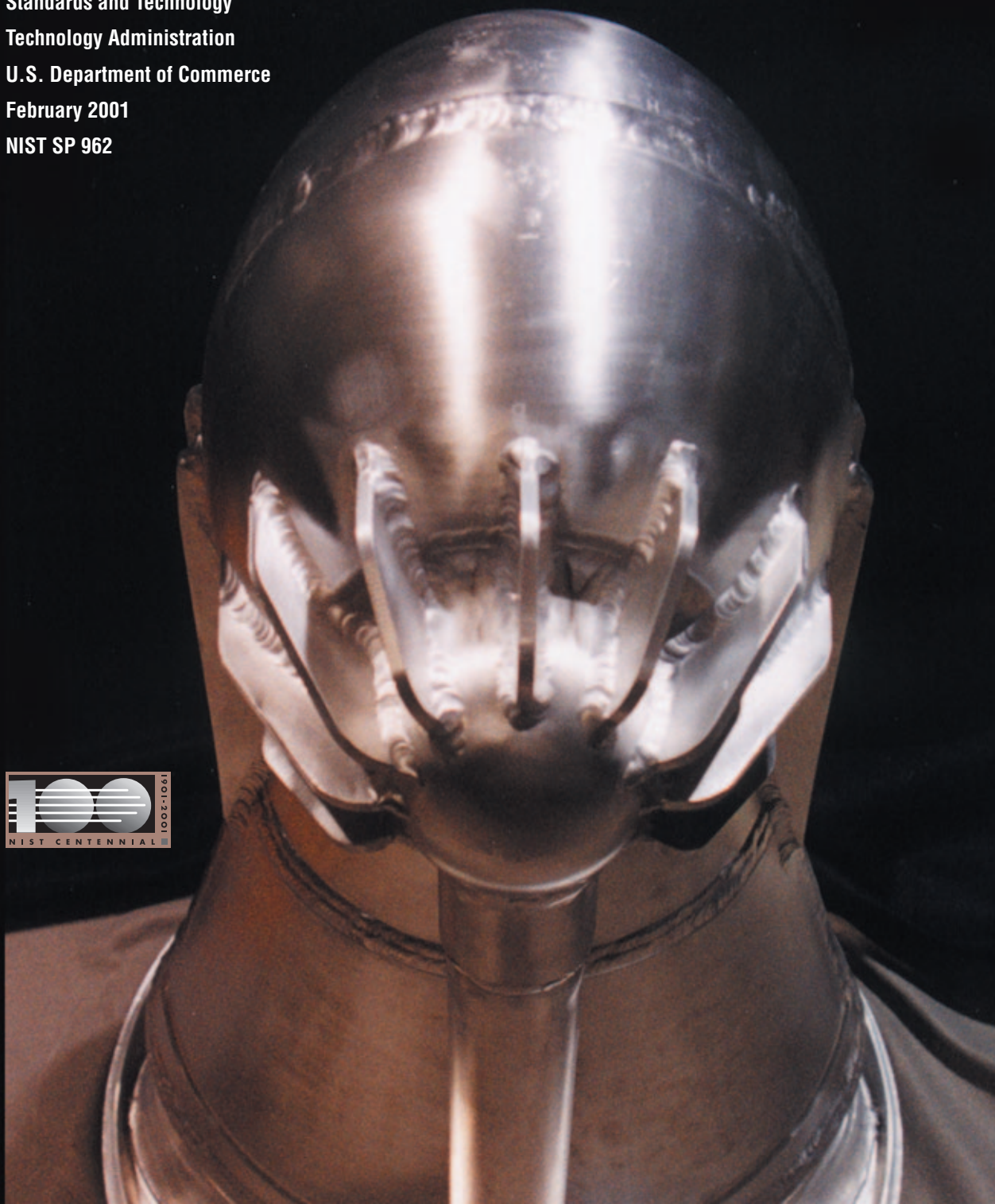
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ON THE COVER

The inset shows an exploded view of welded aluminum components of the second-generation liquid hydrogen cold source to be installed during 2001. The cold source, which slows down thermal neutrons, is the round object located right-middle. Surrounding it is a vacuum jacket located just to the right and left of the cold source. The outer layer, exploded top and bottom and to the left, is the vacuum shroud that is also shown standing vertically on the front cover. Cold neutrons emerge from the cap shown at the left into 8 guides carrying them to beam instruments. (See layout on p. 2.)